Abstract

In developing a diagnosis system for detecting student’s learning problems, providing intellectual suggestions is helpful and powerful tool to improve the learning performance. However, it is difficult and time consuming for teachers to give personalized suggestions to each student, particularly when there are many students in class. To cope with this problem,
this study proposes concept-effect relationship model (CER) as a tool to identify the learning problem of students. Based on that, an intellectual learning guidance system has been proposed.

Reference


**Index Terms**

Computer Science
Intelligent Systems

**Key words**

Fussy set theory
Bayesian network

Concept-effect relationship model

learning guidance